

Recombinant Mouse AXL Receptor Tyrosine Kinase

Cat. No. Axl-499M **Lot. No.** (See product label)

SPECIFICATION

Species	Mouse
Source	Mammalian Cells
Description	Axl is a member of receptor tyrosine kinases characterized by an extracellular domains (ECD) resembling cell adhesion molecules and unique sequences in the kinase domain. In addition, Axl is transforming in both fibroblast and hematopoietic cells, and appears to be involved in mesenchymal development. ¹ Axl regulates cell migration, phagocytosis and apoptosis.
Molecular Weight	The predicted molecular weight of Recombinant Mouse Axl is Mr 73.8 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 100-110 kDa.
State Of Matter	Lyophilized.
Purity	>90% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

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GENE INFORMATION

Gene Name	Axl AXL receptor tyrosine kinase [<i>Mus musculus</i>]
Synonyms	Axl; AXL receptor tyrosine kinase; Ark; Tyro7; Ufo; AI323647
Gene ID	26362
mRNA Refseq	NM_009465
Protein Refseq	NP_033491
UniProt ID	Q00993
Chromosome Location	7 A3-B1; 7 6.0 cM
Function	ATP binding; kinase activity; nucleotide binding; protein binding; protein kinase activity; protein tyrosine kinase activity; receptor activity; transferase activity; transmembrane receptor protein tyrosine kinase activity

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